

Data Science Technical Assignment

Instructions

1. Please answer the questions below to the best of your ability. Some questions are intentionally ambiguous so please log your assumptions. We ask that you use an ipython notebook to send us the results of your analysis.
2. We ask that you don't take more than 4 hours for the analysis, but we don't have a hard time limit.
3. Some questions don't have any "strict" right/wrong answer. This is an opportunity to show off your creativity and imagination.
4. Your submission will be measured accordingly
 - a. Ability to explain and communicate your approach and results (visualizations help)
 - b. Ability to pull meaning out of data
 - c. For the ambiguous questions, being out able to figure out the best problem to solve given the framing

Questions

1. What are the weirdest beers and why?
2. What are the most important factors ranked in order, in determining the overall quality of a beer? Please us a model to figure this out.
3. Which user seems most likely to be paid by beer companies for reviews?
4. Which beer would you recommend given this dataset?
5. If you had to select 4 beers that allow you to "taste the breadth of all beers"
 - a. How would you choose these beers? Explain your method in short sentences.
 - b. What are the names for the 4 beers and why?
 - c. Extra points for creativity!

Submission Format

We ask for you to use an Ipython notebook with a python (2 or 3) kernel with any libraries you normally use. Please submit the .ipynb file as well as.html/.pdf with all cells run. When completed, please submit your assignment through the link that was provided.

****Make sure that you've run all the cells and the output is visible before you submit****

HAVE FUN